



BAYLOR COLLEGE OF MEDICINE
Children's
Foundation
ARGENTINA

BAYLOR COLLEGE OF MEDICINE CHILDREN'S FOUNDATION ARGENTINA

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BIPAI Baylor International
Pediatric AIDS Initiative
at Texas Children's Hospital®


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Baylor
College of
Medicine



BAYLOR COLLEGE OF MEDICINE CHILDREN'S FOUNDATION ARGENTINA



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EXECUTIVE DIRECTOR'S LETTER

Dear Supporters,

After two years working in Añelo, we are happy to share the progress we have made toward improving healthcare services in the area.

Between 2017 and 2018, the Baylor Argentina Foundation (known here as Fundación Baylor Argentina) provided health services to 5,143 people, 3,231 of whom were children. This is a substantial contribution to the local health system, but we are facing an extraordinary need. Indeed, we created the Fundación to meet a unique challenge.

Añelo, located 100 km away from the provincial capital of Neuquén, is in the heart of the Vaca Muerta Formation, one of the most important oil and gas reserves in the world. In 2013, Chevron reached an agreement with the Argentine energy company YPF for unconventional oil extraction within the formation. Because of the sudden economic activity, between 2013 and 2016, the population grew from 2,449 to over 7,000 inhabitants.

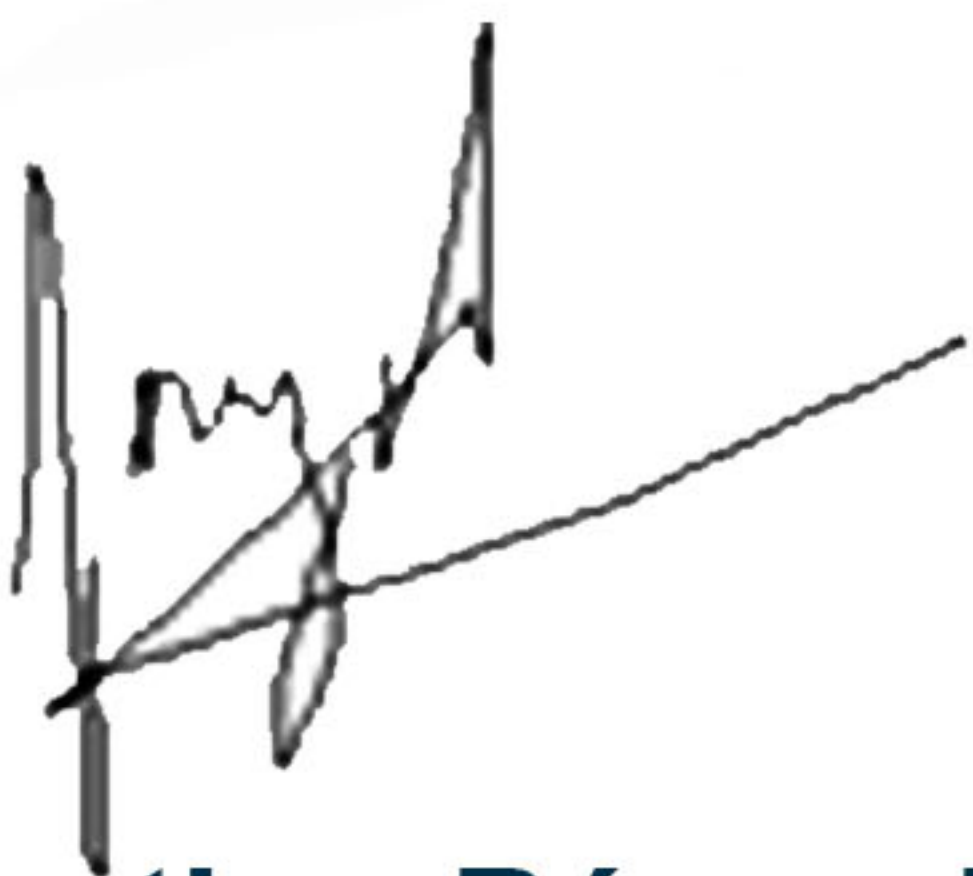
This exponential population growth has had a direct impact on the regional health system. As a result, the government and private institutional sponsors initiated Fundación Baylor Argentina, the national branch of the Baylor International Pediatric AIDS Initiative (BIPAI) network, to mitigate the impact of population growth on health care.

In 2017, Chevron provided the initial funding for Fundación Baylor Argentina, making the 16th country in the BIPAI network, a global pediatric health initiative created by the Baylor College of Medicine and Texas Children's Hospital. Apart from BIPAI and Chevron, Fundación Baylor Argentina benefits from the support of many other partners: the Health Department of the Province of Neuquén, Health Under-secretariat Health Zone V, YPF, Fundación YPF, Añelo Health Center, Castro Rendón Hospital, Cutral Có Hospital, Baylor College of Medicine Colombia, Tecpetrol, the municipality of Añelo, and the Añelo Hospital.

We approached this project with the idea of generating solutions for the population; therefore, the first step was to understand the needs. Initial diagnoses by Fundación Baylor Argentina doctors revealed five main work areas in which we would develop programs in Añelo. Complementing the health services already offered in Neuquén Province, the plan was to offer programs for pediatric patients and OB-GYN services, to increase professional capacity within the health system, to support public health centers, and to provide ongoing evaluation for the programs and activities.

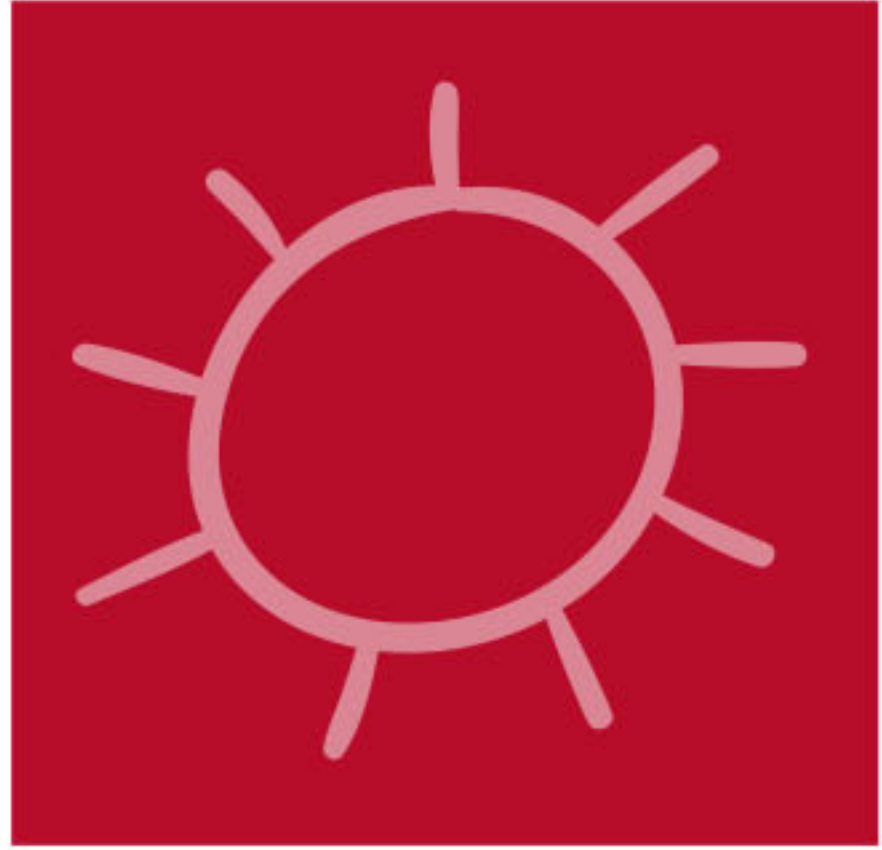
Fundación Baylor Argentina's health services cover three categories: prevention, health education, and health access. In cooperation with the Health Department, we provided 3,955 people with healthcare services both in Añelo and in San Roque and Chihuido. There were 2,672 children, 474 patients over 15 years old, and 809 women. In addition, our staff trained 323 nurses, doctors, and health agents were trained in health-related issues, previously selected by the heads of each of corresponding sectors. In that category, there were 484 hours devoted for training aimed at generating enhanced clinical capacity in the area.

One of the reasons we have been so successful in the last two years has been our public-private partnership strategy. Both public and private organizations were involved in developing the Maternal and Child Health Program. In fact, this is the first private-public agreement of its size in Neuquén Province, and its success lies in the active cooperation and support that all the parties offered. This involved developing a strategy based on the needs identified by the Fundación, getting approval from the Health Department, then executing eight programs jointly with the public health system. Based on this joint work, the Health Department of Neuquén and Añelo Municipality acknowledged Fundación Baylor Argentina for the progress made with the Maternal and Child Health Program in Añelo.



Agustina Pérez, B.A., M.B.A.

Executive Director Baylor College of Medicine Children's Foundation Argentina



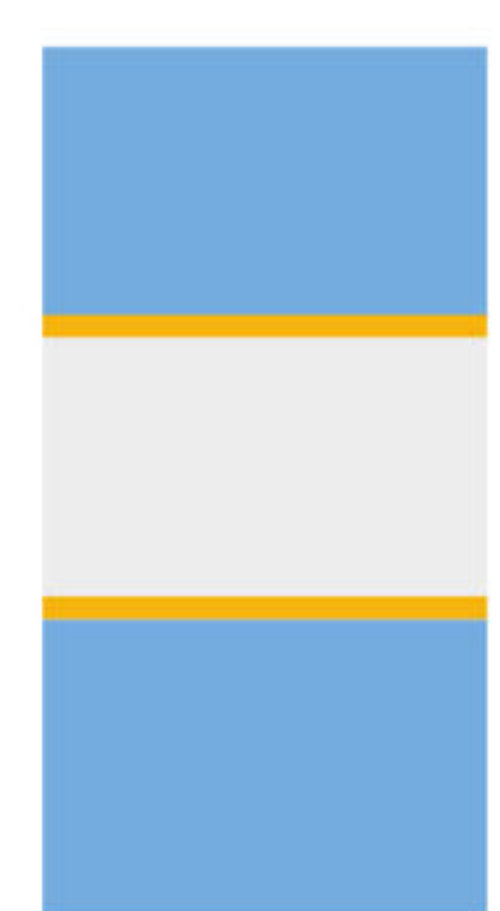
OUR MISSION

To provide high-quality, high-impact woman patient-centered mother and child health care, as well as professional training with a focus on the prevention of common health problems impacting mother-child mortality in the region.



OUR VISION – BAYLOR ARGENTINA

To promote sustainable health programs by working with both public and private institutions to support capacity development of health professionals in order to improve health service delivery.



ARGENTINA

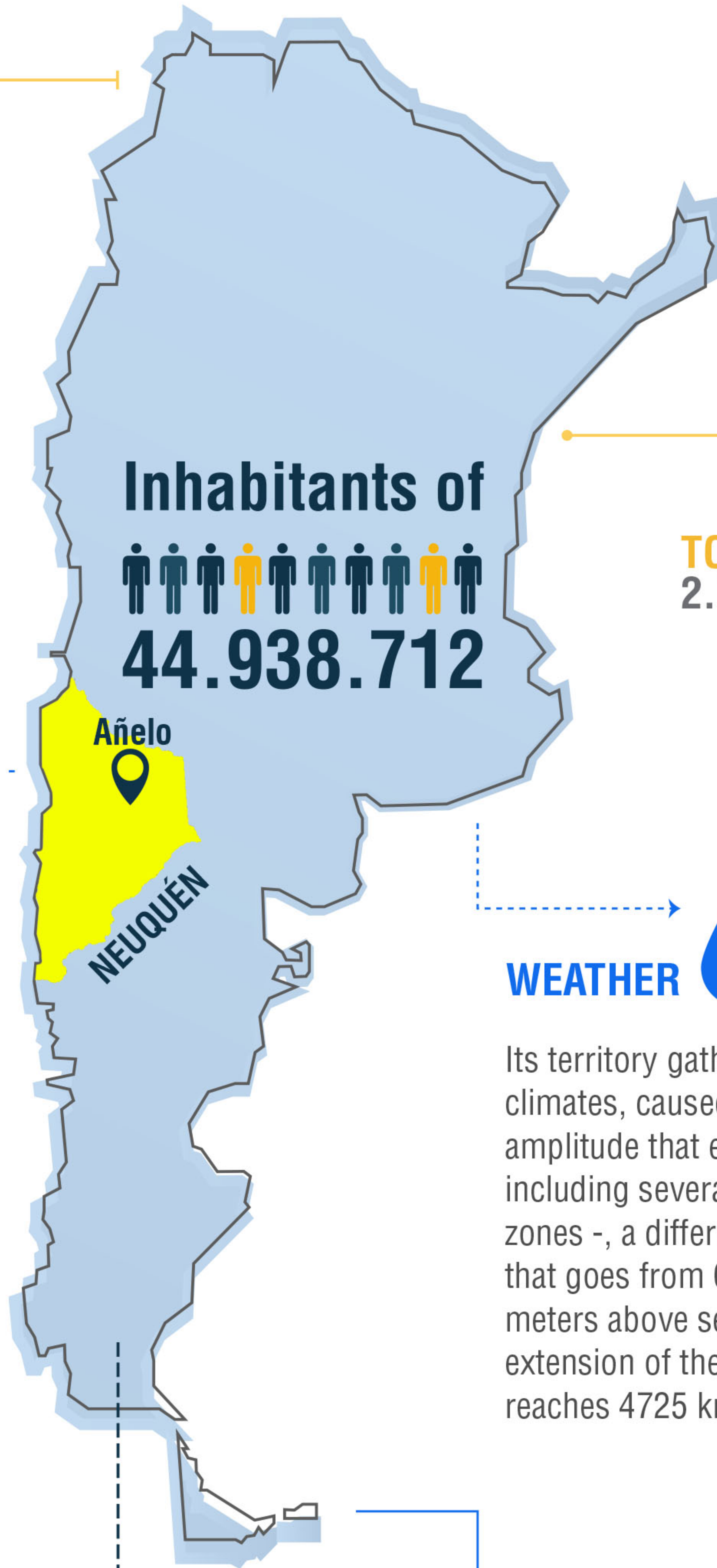
ARGENTINA




Argentina is divided into 24 districts, 23 provinces plus the Autonomous City of Buenos Aires, which is also the capital of the country and where the federal government is located. It is estimated that it has 40 million inhabitants, according to the last census, which are little dispersed and mostly concentrated in urban centers.



CAPITAL:
Buenos Aires



Inhabitants of

44.938.712

TOTAL AREA:
2.780.400 Km²



LANGUAGE

Spanish

WEATHER



Its territory gathers a great diversity of climates, caused by a latitudinal amplitude that exceeds 30 ° - including several geo-astronomical zones -, a difference in the altitude that goes from 0 to almost 7000 meters above sea level and the extension of the maritime coast that reaches 4725 km.



Officially called the Argentine Republic, it is a sovereign country of South America, located at the southern and southeastern end of that subcontinent.



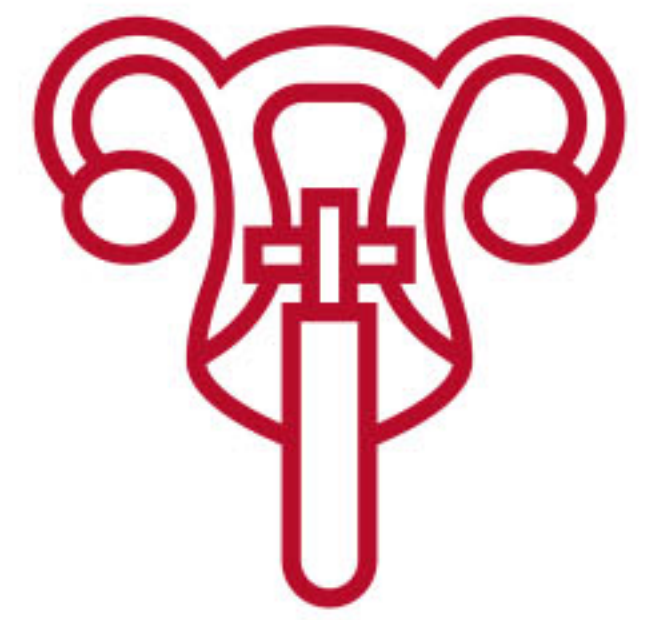
With an area of 2,780,400 km², Argentina is the largest Spanish-speaking country on the planet, the second largest in Latin America, and eighth in the world

HEALTH & TRAINING PROGRAMS



..... 1: Anemia detection

2: Cervical cancer screening (HPV)



..... 3: Healthy child screening

4: Pediatric vision screening



..... 5: Prenatal care

6: Teen pregnancy prevention



..... 7: Training and protocol development

8: Rural medicine program



OPERATIONAL OVERVIEW



STAFFING AT THE BAYLOR ARGENTINA FOUNDATION



STAKEHOLDERS

PROFESSIONAL

QUANTITY

MEDICAL DEPARTMENT

Family Doctor	1
Obstetrician	1
Pediatrician	1

ADMINISTRATIVE DEPARTMENT

Administrative Coordinator	1
Health Promoter	1

EXTERNAL SERVICES

Accounting Firm	1
Law Firm	1
Audit Firm	1

EXTERNAL CONSULTANTS

System	1
Communications	1
Medical consultant	1
Pediatrician	1

Chevron
YPF
Fundación YPF
Tecpetrol
Neuquén Health Department
Texas Children's Hospital
Baylor College of Medicine
BIPAI
Health Under-secretariat
Zone V
Castro Rendón Hospital
Cutral Co Hospital
Baylor College of Medicine
Children's Foundation - Colombia
Añelo Municipality

Financial Overview



Budget January-December 2018

us\$386,084

PROGRAMS



Baylor Argentina executed eight programs in partnership with the public health system

Each program focused on needs identified by Baylor-Argentina, and counted on the approval of the Public Health Department for each of those programs, or for the implementation of already existing programs in the Health portfolio of the Province of Neuquén.

Program 1: Anemia detection



According to the Argentine National Nutrition and Health Survey, 16% of children under 5 years of age present anemia, as do 20% of women of childbearing age. According to the Argentina Pediatrics Board, this prevalence varies in different regions, with considerably higher values in the worst socio-economic conditions .

The first phase of the anemia detection program was carried out with 153 children from 0 to 4 years in Añelo. All children with detected anemia will start treatment with ferrous sulfate followed by monitoring by the pediatrician.

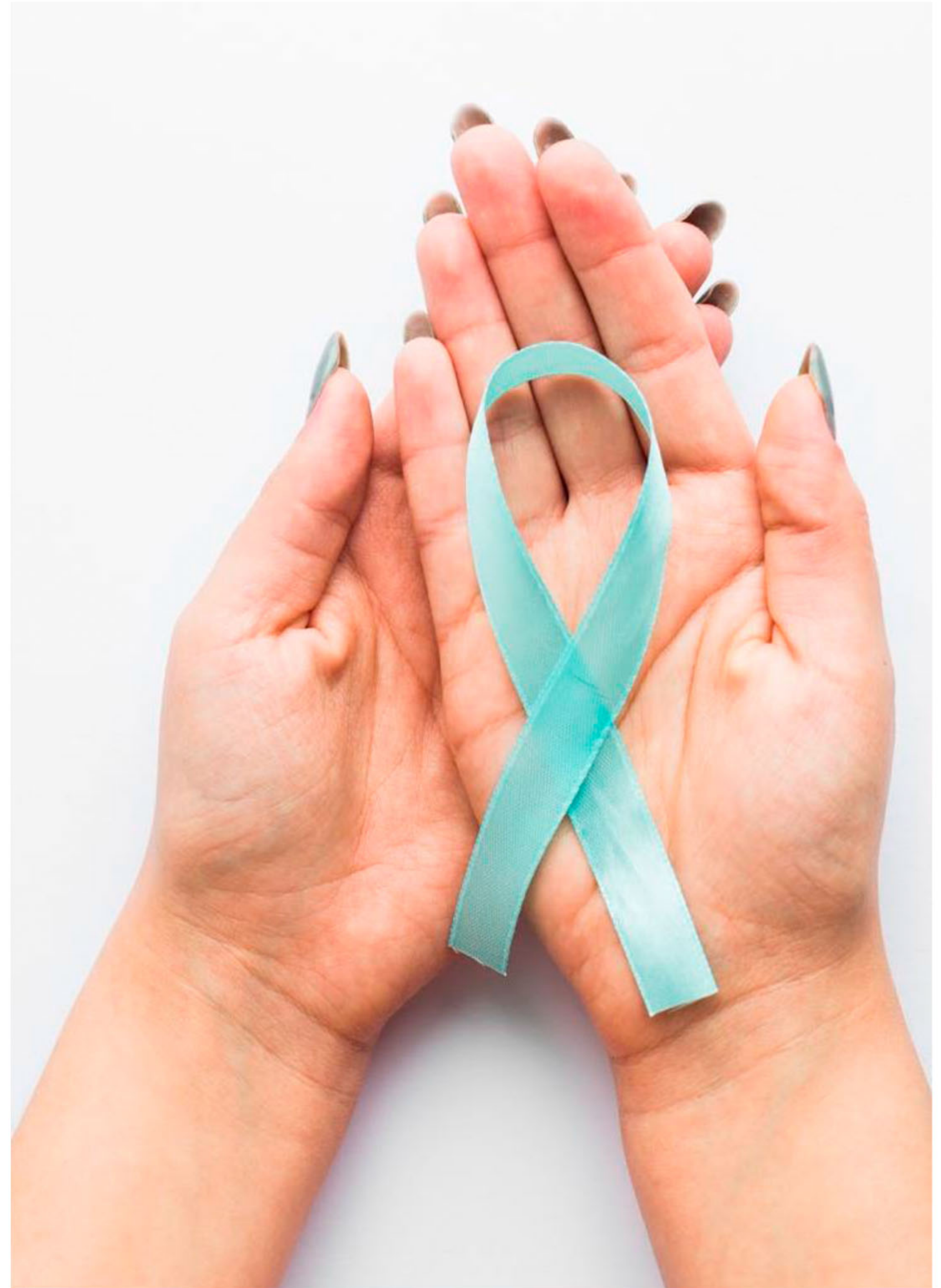
All 87 children with anemia were put on treatment with ferrous sulfate, and over a quarter of those recovered after three months of treatment.

Number of blood samples taken in children in Añelo	153	%
Number of patients under treatment with ferrous sulfate	87	56%
Children recovered after three month of treatment	24	27%

Program 2: Cervical cancer screening (HPV)

Cervical cancer is the second-leading cause of cancer deaths in women between 35 and 64 globally. In Argentina, some 5,000 new cases are diagnosed a year, and 1,800 women die because of this illness.

- Our objective is to prevent cervical cancer in women between 35 and 64 years in Añelo, San Roque and Chihuido. Target population: there are around 575 women in Añelo within this range (source: Health Department)
- The self-sample test enables women to take a sample of vaginal cells with a brush at home, thus saving them an expensive or difficult trip to a health center. The program includes women between 30 and 64 years old.
- The test are transported from the Añelo hospital to the Pathology Department of Hospital Castro Rendón. The obstetrician at Añelo hospital then delivers the results to the women. The Ministry of Health of Argentina provides the test kits. If positive they are referred to gynecologists at Cutral Co Hospital or Castro Rendon Hospital in Neuquén.



Number of HPV self-samples	84
Number of patients HPV positive	28

Program 3: Healthy child screening

The healthy child screenings are a schedule of check-ups recommended by Neuquén' Health Department for all children from newborn to 14 years old. During the checkups, children receive scheduled immunizations, and doctors check their growth and development, looking for social and learning milestones. Pediatricians can also follow-up on each child's development, behavior, sleep, and diet.

Number of well-child visits conducted by the pediatrician at Añelo Health Center	940
Pharyngitis, laryngitis, infectious rhinitis, sinusitis) diagnoses	183
Obstructive lung condition (Asthma, Bronchiolitis, Recurring obstructive bronchial syndrome) diagnoses	106
Number of overweight/obese diagnoses	22

Program 4: Pediatric vision screening

Up to one out of every five preschoolers will have vision problems which, if left untreated, may interfere with intellectual development. Vision screening is important for the early detection of preventable vision problems or life-threatening conditions. We check children's vision at healthy child screenings during preschool age, as well as whenever there is a complaint.

The child's anatomy and function should be checked at regular infant and well-child visits, and visual acuity should be assessed at the preschool stage as well as when there is a complaint.

Number of patients who received sight screenings	433
Number of patients with sight problems	85
Number of glasses delivered	31



Program 5: Prenatal care



The goal of prenatal care is to reduce the risk of complications during pregnancy for both the mother and the child. Activities include nutrition counseling, blood pressure screening, and monitoring diabetes in pregnancy. We train healthcare workers to recognize the warning signs of common complications.

Number of patients attending family planning counseling	72
Total number of OB-GYN patients	809

Program 6: Teen pregnancy prevention



There are many contributing factors for adolescent pregnancy, but one of the reasons and most frequent is the lack of comprehensive sexual education.

Unintentional pregnancy in adolescence makes it more difficult for women and girls to get an education or enter the job market. Thirty percent of women between 15 and 29 years old who left their secondary education did so as the result of pregnancy or motherhood. In addition, adolescent mothers are more likely to be out of the labor market during their pregnancy.

Teen pregnancy prevention programs include comprehensive sex education and HIV/STI prevention. Through better awareness, it is possible to reduce behavioral risk factors underlying teen pregnancy.

Number of teenage patients attending family planning counseling	24
Number of teenage patients using subdermal contraceptive implants	9
Number of pregnancies under 19	13

Program 7: Education: training and protocol development



The objective of our training and protocol development program is to monitor the effectiveness of our activities and identify successful areas to focus on improvement through training sessions and new protocols.

Each month, nurses at the Añelo hospital agree on topics and create training sessions to be conducted by our physicians. Training outcomes are assessed by testing participant's knowledge before and after the sessions. Topics are always in accordance with local and national guidelines. So far, 13 service protocols have been implemented. The attendants to the training sessions included doctors, nurses, health agents and health staff.

Number of protocols implemented	13
Total training hours	484
Number of people trained (health staff and others)	323

Program 8: Rural medicine program



The Rural Health Program provides basic health services to families living in remote communities for whom accessing health centers is difficult. Our objective is to improve health outcomes throughout the province by providing universal health care, health education, and disease prevention activities.

This program includes the rural populations of Aguada San Roque and Los Chihuidos, located 65 km and 100 km from the Añelo Hospital, respectively. The two communities include some 600 inhabitants.

We conduct home visits and provide medical services monthly at both health posts. The public health system provides staffing, such as nurses and health agents.

Number of children seen by pediatricians in San Roque and Chihuido for the first time	53
Number of patients seen by general doctors in San Roque and Chihuido	120

MAIN ACHIEVEMENTS 2018

Baylor Argentina Foundation is established

As we work to incorporate Baylor Argentina following national laws and BIPAI guidelines, we have founded the Administration Board and Foundation and designated our leadership team. Michael B. Mizwa is president, Agustina Pérez is vice president, treasurer is Maximiliano Luciani, and Yanina Vega is secretary of the Board.

Onboarding new staff

In addition, the Foundation counts on services provided by an accounting firm and an auditing firm, so both firms have a controller to guarantee transparency for the accounting processes of Foundation.

In addition, it is worth mentioning that services corresponding to transport, communications, IT, and translations are outsourced, they are not provided by our own staff.

We created a hiring committee to select medical staff consisting of personnel from Baylor Argentina and the public health system of Neuquén, including Zone V, Añelo Health Center, Castro Rendón Hospital and the national Health Under-secretariat. So far the foundation's positions include the executive director, two pediatricians, one general physician, a health promoter, and one administrative assistant.

Medical equipment donated for the new Añelo hospital

We selected equipment through a transparent process that included over 40 suppliers, five of which were selected. Selection involved an Equipment Selection Committee made up of the Health Department and Fundación Baylor Argentina. More than 40 people participated in the selection process for medical equipment. Among them: Chevron Argentina, BIPAI, Health Department, Technical Specifications Area of the Department, Añelo Hospital, Zone V, suppliers, accounting and legal firms. All the equipment was delivered in the presence of a notary public.

Añelo Municipality and the Health Department of Neuquén recognized Baylor Argentina, Chevron and YPF for their contributions to the hospital.



Añelo Hospital Opening

On October 1, the Neuquen Health Department opened the new hospital in Añelo. Baylor Argentina donated the necessary medical equipment, with contributions from Chevron.

The hospital is certified at Complexity Level III. It has an indoor surface of 2,366 square meters. The hospital now offers general medicine, pediatrics, OB-GYN services, lab, dental services, psycho-social services, X-rays, in-patient services and patient referral to other nearby facilities.

It will also offer undifferentiated in-patient services, labor room, lab, low-complexity X-rays and its own power generator. The opening is related to the sustained demand of the growing population in the region given the boom of unconventional development in the Vaca Muerta formation.



Donated equipment includes: 4 pediatric scales, 3 fetal heartbeat detectors, 1 delivery chair, 2 fetal monitors, 1 IC incubator, 2 portable incubators, 4 pulse oximeters, 2 defibrillators, multi-purpose ultra-sound device, 2 dental units, and 2 emergency carts, among others. This equipment will contribute to strengthen healthcare services in Añelo. Chevron, YPF, Fundación YPF, provincial and national authorities, hospital authorities, Zone V authorities and Baylor-Argentina's members attended the opening.

Public-Private Partnerships

Public and private entities worked together to develop the Maternal-Child Health Program. Our program has the distinction of being the first public-private agreement of its kind in the Province of Neuquén, and the program's success depended on the cooperation and committed involvement of all program participants.

Sustainable Programs

Undoubtedly, some of the most successful interventions are related to the implementation of sustainable programs which are not only funded with funds from Foundation, but are also sponsored by private companies and by the State.

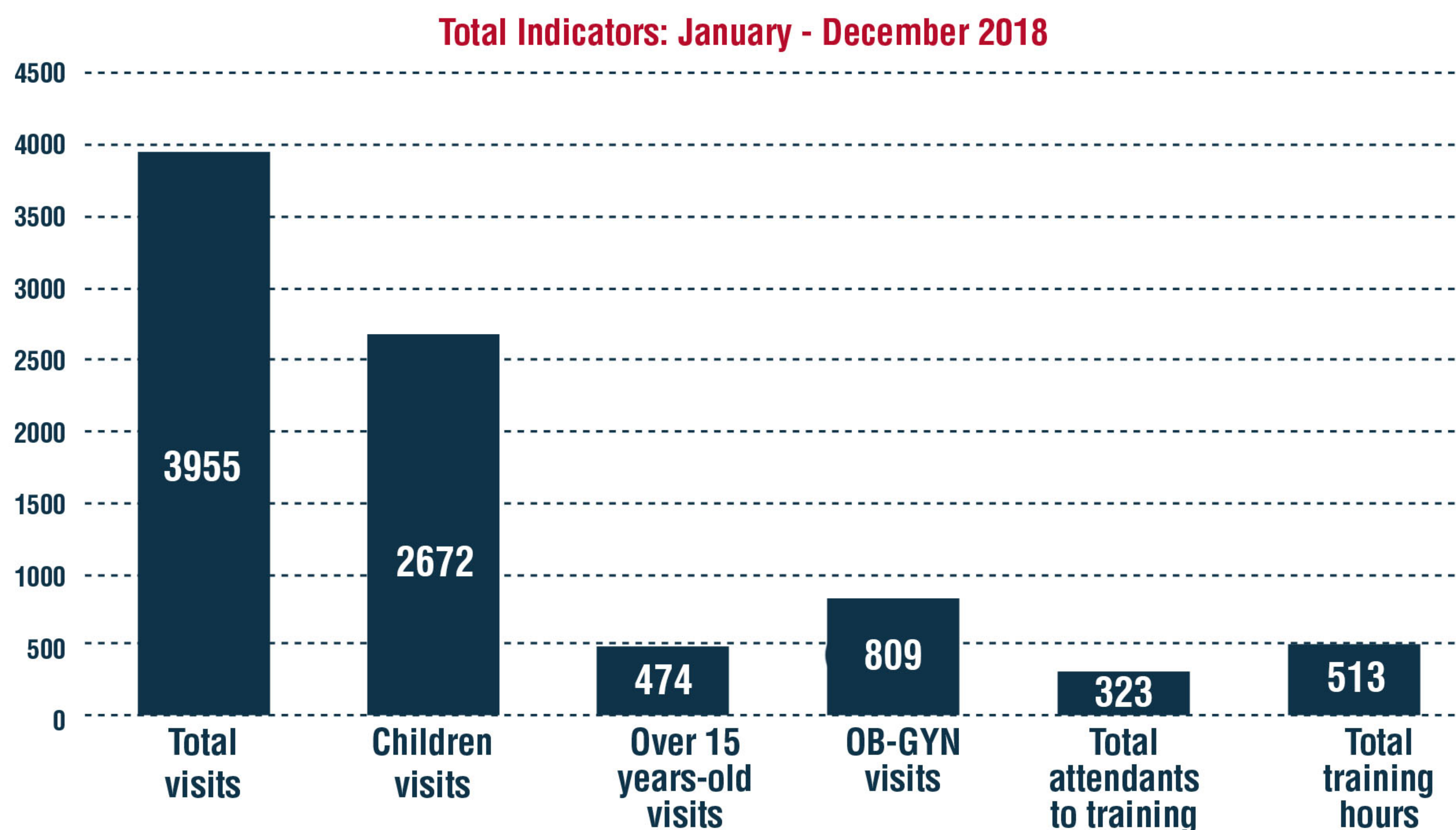
All programs run by Fundación have private and public partners, correspondingly, so as not to duplicate expenses and work with the same goal in mind, both from the private and public perspective. Both human and material resources are agreed among the parties so as to avoid duplication and save cost.

Relationship with Private Companies

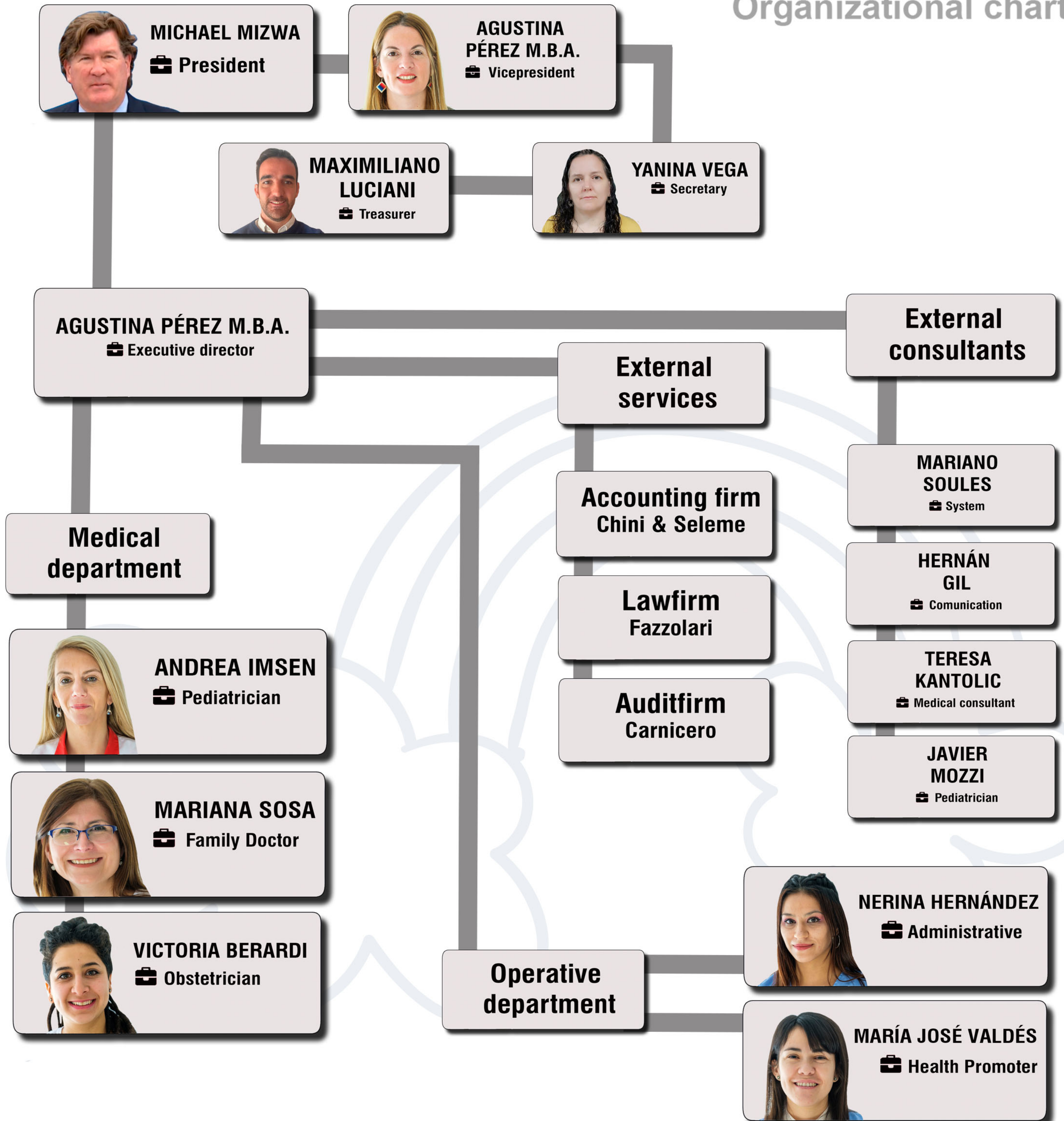
Our public health services would not be possible without the support of private companies, including:

- Chevron, which helped create the Foundation in Argentina and supports continued operation
- YPF, which contributes with transport and housing for doctors working for Baylor Argentina, and is key to capture qualified human resources to work in the area
- Tecpetrol, which contributed to the development of the Eye Health Program that Baylor Argentina is conducting in the area of Añelo and Sauzal Bonito

Results: Total Indicators



Organizational chart:



Photography is generously provided by Smiley N. Pool.

SPONSORS AND PARTNERS





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